



Paintman Paint Ltd

Quality without compromise

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PRODUCT NAME

High Temp Paint

ISSUE DATE 22/09/2005
CODE HIGHTEMPPAINT

VERSION 1.0
VERSION DATE 22/09/2005



PRODUCT DESCRIPTION

A high quality '2 hour' drying time Synthetic Alkyd Enamel.

It offers fast surface drying, good through drying even in thick films and outstanding film hardness and toughness.

In addition, yellowing is minimal even after prolonged exposure to higher temperatures



IMPORTANT INSTRUCTIONS BEFORE USE

- Read and follow MSDS, TDS and label instructions
- Stir all paints thoroughly before use
- Always use the same batch number on the same job
- Check colour & sheen. Paintman Paint will not accept any discrepancies arising after use
- Filter the product immediately before use
- Reduce emissions and maintain quality by replacing tin lid after use
- If in any doubt speak Paintman Paint Technical Service Department on 01777 710100



SPECIAL PROPERTIES

Quick drying Agricultural Paint
Quick drying Appliance Paint
Quick drying Machinery Paint



MAXIMUM VOC CONTENT (RFU)

0.45 Kg/L

REGULATIONS / COMPLIANCE

Out of Scope



COLOUR RANGE

Available in a wide colour range including RAL & BS shades



GENERAL INFORMATION

COVERAGE	10 square metres per litre @ 50 microns dft
FLASHPOINT	29°C
TEMP RESISTANCE	170°C
STORAGE	Store between 5°C - 25°C. When not in use, cans must be kept sealed
SHELF LIFE	12 months from delivery date in original sealed containers



ADDITIONAL TECHNICAL INFORMATION

For hot spray application, heat to a maximum of 70°C.



CLEANING

Ensure surfaces to be coated are dry and must be cleaned using the appropriate Paintman Paint product to remove all traces of contaminants.

Paintman Paint produce a full range of cleaners, silicone removers, degreasers and preparatory cleaners suitable for the cleaning process.

Please refer to our website for Method of Use Articles for Prep-Cleaning Techniques and Preparatory Cleaners from the Product Guide



SURFACE PREPARATION

Please refer to Method of Use Articles for details on Surface Preparation.



SUITABLE SUBSTRATE & THEIR SUITABLE PREPARATION

MILD STEEL

Remove millscale and thoroughly degrease using suitable Paintman Paint Prep Clean
Abrade with P80-P180 if necessary before applying Paintman Paint Primer

SHOT BLASTED STEEL

Remove all traces of blast grit/sand before applying Paintman Paint Primer

GRP

Abrade with P180-P320

Degrease using suitable HMG Prep Clean before applying Paintman Paint Primer

ALUMINIUM

Abrade with P180-P320

Degrease with suitable Paintman Paint Prep Clean

Coat with appropriate Paintman Paint Etch Primer, and if required Paintman Paint Primer

GALVANISED STEEL

Abrade with P180-P320

Degrease with suitable Paintman Paint Prep Clean

Apply Paintman Paint Mordant Wash

Coat with appropriate Paintman Paint Etch Primer, and if required Paintman Paint Primer



SUGGESTED PRIMER / FILLER / SEALER SYSTEMS

Synthetic BDX Primer

Synthetic High Opacity Undercoat

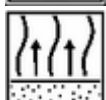
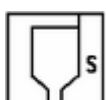


HEALTH AND SAFETY

Refer to SDS and tin label prior to use.

Suitable respiratory equipment should be worn when spraying

Contaminated Rags, Spray Booth Filters or other substrates should be segregated from other chemical waste, soaked with Water and disposed of in a non-combustible container with a tight fitting Lid.



APPLICATION METHODS

AEROSOL		BRUSH		COMPLIANT SPRAY GUN		AIRLESS/AIR-ASSITED	
MIXING RATIO							
RFU		Base Thinner	Up to 5%	Base Thinner	Up to 10%	Base Thinner	Up to 0.5%
THINNER OPTIONS							
		Thinner 2612		Thinner 2612 Thinner 2611		Thinner 2612 Thinner 2611	
VISCOSITY							
RFU		RFU		30-35	Seconds B4 cup	35-45	Seconds B4 cup
SPRAY GUN SETUP							
				1.6-1.8		11-13 thou 40/50°	
FLASH OFF							
20 mins between coats		20 mins between coats					
NUMBER OF COATS (GUIDE ONLY)							
2 coats		2 coats		2 coats		1 full coat	
DRYING TIME							
Touch dry	2hrs @20°C	Touch dry	2hrs @20°C	Touch dry	2hrs @20°C	Touch dry	2hrs @20°C
Hard dry	4hrs @20°C	Hard dry	4hrs @20°C	Hard dry	4hrs @20°C	Hard dry	4hrs @20°C
Full dry	12hrs @20°C	Full dry	12hrs @20°C	Full dry	12hrs @20°C	Full dry	12hrs @20°C
RECOATABILITY / OVERCOATING							
After 12 hrs							
WET FILM THICKNESS*							
100 microns		100 microns		100 microns		100 microns	



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DRY FILM THICKNESS*			
50 microns	50 microns	50 microns	50 microns
* - Paintman Paint Technical Data Sheets indicate a Dry Film Thickness that will be achieved when applying a particular Wet Film Thickness. These values are a guide only and are not to be used as specifications. Film thickness will vary depending on actual use and specification. Great care should be taken to achieve the dft stated in the agreed specification and to avoid areas of excessively low or high thickness.			

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is to the best of Paintman Paint's knowledge and belief accurate and reliable as of the date indicated. However, no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy themselves as to the suitability and completeness of such information for their own particular use. For professional use only.